

## **AMENDMENTS TO THE SPECIFICATION**

Please replace Paragraph [0024] with the following paragraph rewritten in amendment format:

- ~ The mass-measuring vibrating reed (hereinafter, referred to as the piezoelectric vibrating reed 12) includes exciting electrodes 14 formed on both surfaces of the piezoelectric material, and has a sensitive membrane 16 applied to the exciting electrode 14 on one surface or sensitive membranes 16 applied to the exciting electrodes 14 on both surfaces. Here, the piezoelectric vibrating reed 12 having the sensitive membrane 16 applied to the exciting electrode 14 on one surface is used in liquid or air, whereas the piezoelectric vibrating reed 12 having the sensitive membranes 16 applied to the exciting electrodes 14 on both surfaces is used in air. Furthermore, the piezoelectric vibrating reed 12 is made of piezoelectric material such as a quartz vibrating reed. The oscillator circuit 10 which oscillates the piezoelectric vibrating reed 12 includes means (not shown) for outputting the oscillation frequency of the piezoelectric vibrating reed 12 to a phase comparator 22 of the measurement-signal output circuit as an input signal.